

## WHAT IS CLAIMED IS:

1. A wide spectrum disinfectant including as components an alcohol, O-phenylphenol, chlorhexidine gluconate, nonoxynol-9, benzalkonium chloride, and deionised double distilled water wherein on a weight/volume ratio the alcohol comprises from 50 to 80%, the O-phenylphenol comprises from 0.1 to 0.8%, the chlorhexidine gluconate comprises from 0.01 to 1%, the nonoxynol-9 comprises from 0.02 to 1%, and the benzalkonium chloride comprises from 0.15 to 1%.
2. The wide spectrum disinfectant of claim 1 wherein the alcohol is selected from the group consisting of methanol, ethanol, propanol and butanol.
3. The wide spectrum disinfectant of claim 1 wherein the alcohol is ethanol.
4. The wide spectrum disinfectant of any of claims 1 to 3 wherein on a weight/volume ratio the alcohol comprises from 60 to 75%.
5. The wide spectrum disinfectant of any of claims 1 to 3 wherein on a weight/volume ratio the alcohol comprises 70%.
6. The wide spectrum disinfectant of any of claims 1 to 5 wherein on a weight/volume ratio the O-phenylphenol comprises from 0.2 to 0.5%.
7. The wide spectrum disinfectant of any of claims 1 to 5 wherein on a weight/volume ratio the O-phenylphenol comprises 0.28%.
8. The wide spectrum disinfectant of any of claims 1 to 7 wherein on a weight/volume ratio the chlorhexidine gluconate comprises 0.01%.
9. The wide spectrum disinfectant of any of claims 1 to 8 wherein on a weight/volume ratio the nonoxynol-9 comprises from 0.04 to 0.1%.
10. The wide spectrum disinfectant of any of claims 1 to 8 wherein on a weight/volume ratio the nonoxynol-9 comprises 0.05%.
11. The wide spectrum disinfectant of any of claims 1 to 10 wherein on a weight/volume ratio the benzalkonium chloride comprises 0.2%.

12. The wide spectrum disinfectant of any of claims 1 to 11 including a denaturant.
13. The wide spectrum disinfectant of claim 12 wherein the denaturant is bitrex.
14. The wide spectrum disinfectant of claim 13 wherein the bitrex is present in a weight/volume ratio of from 3 to 4%.
15. The wide spectrum disinfectant of claim 13 wherein the bitrex is present in a weight/volume ratio of 3.68%.
16. The wide spectrum disinfectant of any of claims 1 to 15 including a fragrance.
17. The wide spectrum disinfectant of claim 16 wherein the fragrance is lemon fragrance number 431.
18. The wide spectrum disinfectant of claim 17 wherein the lemon fragrance number 431 is present in a weight/volume ratio of 0.1%.
19. A method of making the wide spectrum disinfectant of claim 1 including the steps of dissolving in alcohol at least one antimicrobial agent and continuing to stir the solution; dissolving in deionised, double distilled water at least a second antimicrobial agent; adding to the alcohol solution while continuing to stir, a detergent; adding to the alcohol solution while continuing to stir, the deionised, double distilled water solution at a sufficiently slow rate to prevent points of nucleation.
20. A method of making the wide spectrum disinfectant of any of claims 1 to 11 including the steps of dissolving in alcohol O-phenylphenol and continuing to stir the solution; dissolving in deionised, double distilled water benzalkonium chloride; adding to the alcohol solution while continuing to stir, nonoxynol-9 and chlorhexidine gluconate; adding to the alcohol solution while continuing to stir, the deionised,

double distilled water solution at a sufficiently slow rate to prevent points of nucleation.

21. A method of making a wide spectrum disinfectant of any of claims 1 to 15 including the steps of dissolving in alcohol containing a denaturant O-phenylphenol and continuing to stir the solution; dissolving in deionised, double distilled water benzalkonium chloride; adding to the alcohol solution while continuing to stir, nonoxynol-9 and chlorhexidine gluconate; adding to the alcohol solution while continuing to stir, the deionised, double distilled water solution at a sufficiently slow rate to prevent points of nucleation.

22. A method of making a wide spectrum disinfectant of any of claims 1 to 18 including the steps of dissolving in alcohol containing a denaturant O-phenylphenol and continuing to stir the solution; dissolving in deionised, double distilled water benzalkonium chloride; adding to the alcohol solution while continuing to stir, nonoxynol-9, chlorhexidine gluconate and a fragrance; adding to the alcohol solution while continuing to stir, the deionised, double distilled water solution at a sufficiently slow rate to prevent points of nucleation.

23. The use of a wide spectrum disinfectant of any of claims 1 to 18 in a cosmetic.